

Notice of Allowability

Application No.

09/760,840

Examiner

Scott Beliveau

Applicant(s)

LEE, KYUNG MEE

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 08 October 2004.
2. The allowed claim(s) is/are 1-19.
3. The drawings filed on 08 October 2004 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 1) hereto or 2) to Paper No./Mail Date _____.
(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of
 Paper No./Mail Date _____.
7. IDENTIFYING INDICIA such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
 Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
 of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
 Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

DETAILED ACTION

Drawings

1. The drawings were received on 10 October 2004. These drawings are approved.

Allowable Subject Matter

2. Claims 1-19 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter:

The art of record either alone or in combination fails to particularly disclose or suggest the particular insertion and subsequent processing of an extended text table wherein an “event_id” is inserted into a “table_id_extension” ETT sections.

With respect to claim interpretation, the particular terms “event_id”, “table_id_extension”, and ETT were given their art recognized meaning with respect to the ATSC standard in view of the instant application. The “Program and System Information Protocol for Terrestrial Broadcast and Cable A/65” (hereafter, the PSIP document), sets forth the usage of the “event_id” (Section 6.5 – Event Information Table (EIT)), as specifying the identification number of the event described. As set forth in applicant’s related art and the PSIP document, the “event_id” is utilized in the “ETM_id” field of the ETT table (Section 6.6 – Extended Text Table). The standard requires that the “table_id_extension” field is set to 0x00. Accordingly, there is no suggestion or teaching to modify the standard so as to particularly insert the “event_id” into the “table_id_extension” of the ETT. Rather, the standard explicitly teaches away from doing so.

The Tsurumoto reference appears to be directed towards the same problem of applicant's, however, it similarly teaches away from the claimed invention. In particular, while the reference utilizes a separate "event_id" within the ETT, it discloses that the "table_id_extension" field is populated with a value such as a channel number. Accordingly, there is no teaching or suggestion so as to modify the reference so as to utilize the "table_id_extension" field for population with the "event_id" without engaging in impermissible hindsight.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott Beliveau whose telephone number is 703-305-4907. The examiner can normally be reached on Monday-Friday from 8:30 a.m. - 6:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Miller can be reached on 703-305-4795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information

for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SEB
January 14, 2005



JOHN MILLER
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600